

Serial No.: 10/534,424
IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently amended) A drug agent to repress transcription of a gene expressed specifically in hepatoma cells, comprising a protein ~~or a peptide of (1) to (4)~~ as an effective component: ~~(1) a protein or a peptide~~ having an amino acid sequence of SEQ ID NO: 1

~~(2) a protein or a peptide having an amino acid sequence comprising a deletion, substitution or addition of one or several amino acids with respect to the amino acid sequence of SEQ ID NO: 1 and having a transcriptional repressor activity~~

~~(3) a protein or a peptide comprising the functional domain of an amino acid sequence of SEQ ID NO: 1~~

~~(4) a protein or a peptide comprising an amino acid sequence comprising a deletion, substitution or addition of one or several amino acids with respect to the functional domain of an amino acid sequence of SEQ ID NO: 1, and having a transcriptional repressor activity.~~

2. (Currently amended) A ~~[[The]]~~ drug agent to repress transcription of a gene expressed specifically in hepatoma cells, comprising ~~of claim 1, wherein said functional domain consists of amino acids 303-502 of SEQ ID NO: 1~~ as an effective component.

3.-5. (Canceled)

6. (Currently Amended) The drug agent ~~therapeutic product for hepatoma~~ of claim 1 ~~or claim 2~~ [[4]], wherein the gene is ~~asaid genes are~~ type II hexokinase or a pyruvate kinase M gene.

7. (Withdrawn) A screening agent to screen drug agents with transcriptional repressor activity, comprising an antibody specific to a protein or a peptide of (1) to (4) as an effective component:

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- (1) a protein or a peptide having an amino acid sequence of SEQ ID NO: 1
- (2) a protein or a peptide having an amino acid sequence comprising a deletion, substitution or addition of one or several amino acids with respect to the amino acid sequence of SEQ ID NO: 1, and having a transcriptional repressor activity
- (3) a protein or a peptide comprising the functional domain of the amino acid sequence of SEQ ID NO: 1
- (4) a protein or a peptide comprising an amino acid sequence comprising a deletion, substitution or addition of one or several amino acids with respect to the functional domain of the amino acid sequence of SEQ ID NO: 1 , and having a transcriptional repressor activity.

8. (Withdrawn) The screening agent of claim 7, wherein said functional domain consists of amino acids 303-502 of SEQ ID NO: 1.

9.-11. (Canceled)

12. (Withdrawn) An antibody specific to a protein or a peptide of (3) or (4):

- (3) a protein or a peptide comprising the functional domain of the amino acid sequence of SEQ ID NO: 1
- (4) a protein or a peptide comprising an amino acid sequence comprising a deletion, substitution or addition of one or several amino acids with respect to the functional domain of the amino acid sequence of SEQ ID NO: 1 , and having a transcriptional repressor activity.